

Signature:

4,28,01

PTO/SB/05 (12/98)

Date: November 26, 2001

plus sign (+) inside this box ⊕ Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **SPITEC PO1AUS** Attorney Docket No. UTILITY First Named Inventor or Appln Identified: William A. MITCHELL PATENT APPLICATION SOLID ROTOR SHAFT CONSTRUCTION FOR ALTERNATING CURRENT INDUCTION MOTOR **TRANSMITTAL** Express Mail Label No. EL918841456US (Only for new nonprovisional applications under CFR 1.53(b) APPLICATION ELEMENTS Assistant Commissioner for Patents See MPEP chapter 600 concerning utility patent appln. contents. ADDRESS TO: **Box Patent Application** Washington, DC 20231 Application Data Sheet (see 37 CFR). 1 ⊀■ Fee Transmittal Form CD-ROM or CD-R in duplicate, large table or (submit an original, and a duplicate for fee processing) 7. 🗆 Computer Program (Appendix) Applicant claims small entity status Nucleotide an/or Amino Acid Sequence 2. 8. 🗆 (see 37 CFR 1.27.) Submission (if applicable, all necessary) Specification (Total Pages) [15] (preferred arrangement set forth below) a.

Computer Readable Form (CRF) • Descriptive title of the invention b.

Specification Sequence Listing on: Đ • Cross References to Related Applications CD-ROM or CD-R (2 copies); or i. 🗆 Statement Regarding Fed sponsored R & D ii. 🗆 paper خطأ Reference to Microfiche Appendix c.

Statements verifying identity of above copies · Background of the Invention Z · Brief Summary of the Invention ≊ **ACCOMPANYING APPLICATION PARTS** • Brief Description of the Drawings (if filed) 9. ☐ Assignment Papers (cover sheet & document(s)) • Detailed Description 10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney · Claim(s) N (when there is an assignee) · Abstract of the Disclosure 11. ☐ English Translation Document (if applicable) (Total Pages) [5] Drawings (35 USC 113) Submission of Formal Drawings (Total Pages) [1] 12. Information Disclosure **■** Copies of IDS 9 Citations Statement (IDS)/PTO-1449 (Total Pages) [3] Oath or Declaration 13.

Preliminary Amendment a. Newly executed (original or copy) 14. ■ Return Receipt Postcard (MPEP 503) b.

Copy from a prior application (Should be specifically itemized) (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed) i. □ DELETION OF INVENTOR(S) 16. ■ Other: Express Mail Certificate Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: of prior application No.:__ □ Divisional □ Continuation-in-Part (CIP) □ Continuation Group/Art Unit: Prior application information: **Examiner** For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS PATENT & TRADEMARK OFFICE ☐ Correspondence address below Customer Number: 020210 603/624-9220 DAVIS & BUJOLD, P.L.L.C. Telephone: Name: 603/624-9229 Telefax: 500 North Commercial Street - 4th floor E-Mail: patent@tiac.net Manchester, NH 03101-1151 United States of America Registration No.: 42,462 Scott A. Daniels

PATENT APPLICATION 11/26/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

William A. MITCHELL In re Application of

Serial no.

For

SOLID ROTOR SHAFT CONSTRUCTION FOR

ALTERNATING CURRENT INDUCTION MOTOR

SPITEC P01AUS Docket

The Commissioner of Patents and Trademarks P. O. Box 2327 Arlington, VA 22202

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: EL918841456US

Date of Deposit: 11/26/01

I hereby state that the following attached paper or fee:

Patent Application Transmittal-1 pg.;

Fee Transmittal Ltr (+Dupl)-1 pg.;

Check for \$370;

Specification/Claims/Abstract-15 pgs.;

Submission of Formal Drawings-1 pg.; Drawings (Figs. 1-5)-5 pgs.;

Declaration & Power of Atty-3 pgs.; Information Disclosure Statement-1pg.;

PTO Form 1449-1 pg.; 9 Citations;

Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Scott A. Daniels

Signature of person mailing paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

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FEE TRANSMITTAL

for FY 2000-01

Patent fees are subject to annual revision Small Entity payments must be supported by a small

Complete if Known

Application No. Filing Date First Named Inventor Group Art Unit

William A. MITCHELL

Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.												
TOTAL AMOUNT OF PAYMENT: \$370 Attorney Docket I					t No.			SI	PITEC PO1AUS			
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)								
METHOD OF PATMENT (CHECK ONE)					3. ADDITIONAL FEES							
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 04-0213					Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
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				& BUJOLD, P.L.L.C.			105	130	205	65	Surcharge-late filing fee/oath	
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2.	•	t Enclosed			_		147	2,520	147	2,520	For filing a request for re-examination	
■ Check			⊔ Mone	ey Order		Other	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
			FEE CALC	CULATION			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. FILIN	IG FEE			•			115	110	215	55	Ext.for reply w/in 1 mon	
Large	Entity	Small	Entity	•			116	400	216	200	Ext.for reply w/in 2 mon	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee Paid	117	920	217	460	Ext.for reply w/in 3 mon	
101	740	201	370	Utility filing fee	\$	\$370	118	1,440	218	. 720	Ext.for reply w/in 4 mon	
106	330	206	165	Design filing fee			128	1,960	228	980	Ext.for reply w/in 5 mon	
107	510	207	255	Plant filing fee			119	310	219	155	Notice of Appeal	
108	740	208	370	Reissue filing fee			120	310	220	155	Filing a Brief in support of an appeal	
114	160	214	80	Provision filing fee	_]	121	270	221	135	Request for oral hearing	
				SUBTOTAL (1)	\$	\$370						
2. CLAI	MS		Extra	Fee From Below	Fee Paid		138	1,510	138	1,510	Petition to institute a public use proceeding	
Total Cla	aims	16 - 20	•• =	\$18 (\$9) x	= 0	,	140	110	240	55	Petition to revive - unavoidable	
Ind. Clair	ms	3 - 3	=	\$84 (\$42) x	= 0	,	141	1,240	241	620	Petition to revive - unintentional	
Mult.Ind	.Claims		==	\$280 (\$140) x	= 0	- 1	142	1,240	242	620	Utility issue fee (for reissue)	
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103	18	203	9	Claims in excess of	•		123	50	123	50	Commissioner Petition related to provisional applns.	
102	84	202	42			at 2	126	180	126	180	Submission of	
				Independent claims		013	581	40	581	40	Info.Disclo.Stmt. Recording ea. patent	
104	280	204	140	Multiple dependent							assignment per property (times No.of properties)	
109	84	209	42	**Reissue independ original patent	ent claims	over	146	710	246		Filing a submission after final (37 CFR 1.129(a))	
110	18	210	9	**Reissue claims in 20 and over original			149 Other fe	710 e (specify)	249	355	For ea.additional invention to examined (37 CFR 1.129(b))	be
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SUBMITTED BY	
Typed or Printed Name	Scott A. Daniels
Signature	SM Jamile

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	Completed (if applicable)			
- 020210 -	Registration Number	42,462		
Date: November 26, 2001	Deposit Account User ID	04-0213		

PATENT	APPLICATION	SERIAL	NO.	
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

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